

COVERST*R

Use and Care
Guide for
**Replacement
Cover**



Coverstar Pool Cover Systems

Thank you for choosing a Coverstar replacement pool cover. We are proud of the advanced engineering and quality of each cover we produce.

Please read this Owner's Manual and follow its instructions carefully. It is designed to acquaint you with the features of your new replacement cover and help you operate and maintain your cover properly.

Coverstar is a "wholesale only" manufacturer of cover systems. We have selected professional distribution companies to represent our products throughout the world. They will provide you with the local service and maintenance that you may require.

For service or maintenance please contact your distributor.

IMPORTANT SAFETY INSTRUCTIONS

- 1. Read and follow all instructions**
- 2. WARNING: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.**
- 3. Keep the pump on the cover and set up for proper use whenever the cover is over the pool.**
- 4. Check cover frequently for signs of premature deterioration or weakness.**

TROUBLESHOOTING

Symptom	Problem	Solution
1. Cover will not move forward or will not reverse.	<ul style="list-style-type: none"> A. Circuit breaker or GFI is tripped. B. Water on cover. C. Water accumulated between roll-up tube and pool. D. Cover adhering to deck. E. Motor needs service. 	<ul style="list-style-type: none"> A. Reset circuit breaker. B. Pump water from cover. C. Sweep water off cover. D. Lift cover and billow air under cover. Use replaceable welcome mat etc. under cover to break deck adhesion. E. Call reseller for service.
2. Water leaking onto cover.	<ul style="list-style-type: none"> A. Cover caught on something sharp. B. Abrasion pinhole. 	<ul style="list-style-type: none"> A. Remove sharp object and use patch kit to repair. B. Use patch kit to repair.
3. Cover retracts out of square. Some unevenness may be unavoidable due to pool configuration.	<ul style="list-style-type: none"> A. Rope lengths uneven. B. Uneven drag on cover as it retracts off pool. 	<ul style="list-style-type: none"> A. Re-pin the rope on rope reel so the extra rope around the reels is exactly the same on both sides. B. Tighten rope reel brakes slightly. Do not overtighten.
4. Cover not even at end of pool.	<ul style="list-style-type: none"> A. Ropes are not the same length. 	<ul style="list-style-type: none"> A. Re-pin the rope on the rope reel so the extra rope around the reel is exactly the same on both sides.
5. Cover seems to be running under stress.	<ul style="list-style-type: none"> A. Excess friction during operation. B. Cover adhering to deck. C. Debris in housing. D. Cover too tight. E. Brake too tight. 	<ul style="list-style-type: none"> A. Clean tracks with hose. Clean all turning parts. B. Billow cover by lifting fabric to break adhesion. C. Clean housing of debris. D. Raise water level to mid-tile or replace cover. E. Loosen brake.

POOL COVER SAFETY

The American Society for Testing Material created a final recommendation for powered and manual safety covers in 1991 called the ASTM F1346-91 standard. Coverstar systems have been tested and when used and installed according to instructions, they meet or exceed this standard.

The main provisions of ASTM F1346-91 are:

- The cover system must be labeled with warning labels. (Labels are always available either from your distributor or Coverstar if yours is illegible.)
- The cover must support 485 lbs. in a five foot radius
- The cover must be operated from a position where the complete pool surface is visible to the operator.
- The switch must be momentary, or be located at least 5 feet above the surface where the operator stands, or be key operated, or locked away, or able to be deactivated or otherwise located in an inaccessible location at least 5 feet above the deck.
- An object approximately 4.5" diameter should not be able to slide under the cover.
- An automatic water evacuation system (self-actuating cover pump) must be used at all times. It must be placed on the cover so that rain will automatically be removed within ½ hour after the cessation of rain.

You should check your installation and verify that the points above are present in your installation. If any point is not present, by definition, you do not have a safety cover.

Pool safety is a major concern for Coverstar. We agree with the Association of Pool and Spa Professionals that the first and most important component of pool safety is constant adult supervision of the pool area. There is no substitute for adult supervision.

UL LISTED United States

CUL LISTED Canada

UL Classified as a Power Safety Cover in accordance with ASTM 1346-91



INFORMATION BEFORE OPERATION

This manual is intended to instruct cover system owners in the proper operation and maintenance of their cover system. If a salesman or installer gives information that contradicts this manual, you should disregard their instruction on that topic.

1. **COVER OPERATORS** Only instructed, responsible individuals should operate the cover. Children should not be permitted to use this product unless they are closely supervised at all times.
2. **PUMP OPERATION**
 - A cover with water on it poses the same safety hazard as an open pool. Any accumulation of water on the surface of the cover must be removed immediately. Every cover system comes with a pump that automatically senses water and removes it, provided the pump is operable, properly placed and maintained according to the pump manufacturer's instructions.
 - The pump should be upright on its base in the middle of the cover and plugged into a GFI protected outlet whenever the cover is over the pool. You must follow all pump manufacturer's instructions regarding its use and maintenance.
 - After the pump has removed all water from one location on the cover, it may be necessary to move the pump to other locations to remove all accumulated water. Do not operate the cover with water on it. One inch of water on a cover can weigh thousands of pounds.
3. **PARTIALLY COVERED POOL** Always completely cover or uncover the pools. A partially covered pool can pose a safety hazard. Never allow anyone to swim under the cover.
4. **POOL WATER LEVEL** Maintain the water level at the middle elevation of the skimmer opening. If the water drops below this level, the cover may operate under stress. **Never cover the pool without the proper water level under the cover.** The water supports all surface weight. If the water level is low and rain or surface water builds up on the cover, server damage may be done to the coping and/or the cover system.

During the winter, the water level must be high enough to support the snow melt build-up. The pump should be on the cover and plugged in.

INSTALLATION CHECKPOINTS

A few standard things can be easily checked to indicate if the replacement cover has been properly installed.

1. **SLACK** With the tracks properly installed you will have the correct amount of slack in your cover to ensure reliable operation for many years. All covers shrink slowly over a period of years when exposed to the elements and pool chemicals. When a cover gets tight between the tracks, it operates under significant stress, may be unsafe and should be replaced. Coverstar has implemented strict quality control measures before shipment to ensure that each cover shipped matches the dimensions we received on the order.
2. **WHEEL ASSEMBLIES** On Coverstar deck mounted systems, the front corners of the cover should be attached to the wheel assemblies.
3. **COVER ROLL-UP** Covers should retract and extend within 2-3 inches of being square to the mechanism at both ends of the pool. Some variance is allowed because of the diverse applications in which covers are used. Your cover is a very large piece of fabric that rolls around a 6" tube, and controlling exactly how it rolls up is a matter of pool configuration, deck surface adhesion and environmental conditions.
4. **DECK SURFACE** Any rough or sharp edges on the deck that the cover travels over should be rasped or ground smooth.
5. **LEADING EDGE** The leading edge which pulls the cover out over the pool should not drag on any portion of the deck or coping as it travels back and forth across the pool.

MAINTENANCE AND CARE

1. **CLEANING THE COVER** When you uncover the pool, the water in the pool is transferred from the pool to the top surface of the cover. The sun then dries it, causing high concentrations of chlorine on top of the cover that may damage the fabric. Wash cover with a mild hand dishwashing liquid every 3-6 months to remove this accumulation. Do not use laundry detergent.
2. **WATER LEVEL** Keep the water level in the pool at the mid-skimmer level. If the pool is overfilled, the water can flow over the lowered bond beam into the housing and flood the mechanism.
3. **RODENTS** In certain areas rodents may nest in the cover housing and chew on the cover and ropes. A common cause of rope breakage is rodent damage, which is not covered under the warranty. Moth balls in a perforated, tamperproof container may help keep rodents under control. Keep poisons out of reach of children.

4. **PULLEYS** Malfunction pulleys can cause the ropes to break. In windy dusty climates, you should clean bearings as often as necessary to ensure that they turn freely. Use a nozzle to completely wash all surfaces of the mechanism to prevent fine dust or sand from accumulating on the moving surfaces of the mechanism.
5. **WATER CHEMISTRY**
 - We suggest, as all cover manufacturers do, that you only cover pool water that you would swim in. If the water is temporarily out of balance due to chemical additives and you wouldn't swim in it, covering the pool may damage the cover prematurely. Water that has improper chemical balance may, over the long term, severely shorten the expected life of the fabric. **Note:** If the pool is left open after shocking the pool, adult supervision of an open pool should be provided.
 - Use a Good test kit frequently to maintain proper chemical balance. Premature cover deterioration that is a result of improper chemical balance is not covered under the warranty.

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